

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and/or joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **CORRELATION OF CALL DATA FOR CALLING AND CALLED PARTIES IN WIRELESS TELECOMMUNICATION NETWORKS** the specification of which *is attached hereto*.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

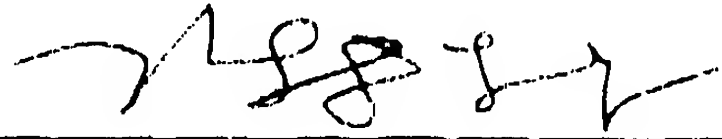
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
David W. Herring, Jr.	(Reg. No. P-51069)
Matthew J. Hodulik	(Reg. No. 36164)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Gregory J. Murgia	(Reg. No. 41209)
Eugene J. Rosenthal	(Reg. No. 36658)
Steven R. Santema	(Reg. No. 40156)
David A. Sasso	(Reg. No. 43084)
Bruce S. Schneider	(Reg. No. 27949)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Jeffrey M. Weinick	(Reg. No. 36304)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of 1st joint inventor: ZhongJin Yang

Inventor's signature  Date July 15, 2003

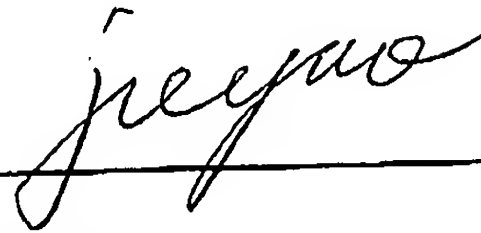
Residence: 1304 Cantigny Court
Naperville, Illinois 60565

Citizenship: U.S.A.

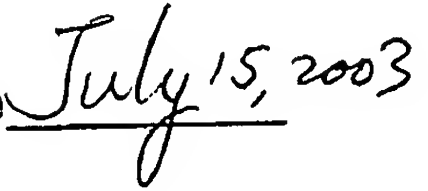
Post Office Address:

Full name of 2nd joint inventor: Jie yao

Inventor's
signature



Date



Residence: 1304 Cantigny Court
Naperville, Illinois 60565

Citizenship: U.S.A.

Post Office Address:

ATTACHMENT A

Attorney Name(s):	Carmen B. Patti	Reg. No.:	26,784
	Robert J. Brill		36,760
	Charles L. Warren		27,407
	John R. Garrett		27,888
	Jack R. Penrod		31,864
Patent Agent:	Joseph S. Hanasz		P-54,720
	Customer Number 32205		

Telephone calls should be made to **Charles L. Warren** at:

Phone No.: (312) 346-2800

Fax No.: (312) 346-2810

All written communications are to be addressed to:

Charles L. Warren
Patti & Brill, LLC
Customer Number 32205

**RECORDATION FORM COVER SHEET Patent and Trademark Office
PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

Name of conveying party(ies):

ZhongJin Yang
Jie Yao

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Lucent Technologies Inc.

Address: 600 Mountain Avenue
P.O. Box 636
Murray Hill, NJ 07974-0636

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date(s):

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is (are):

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Charles L. Warren
Patti & Brill, LLC
Customer Number 32205

Docket No.: LUC-425/Yang 20-11

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.4):..... \$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 50-1941

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles L. Warren

Name of Person Signing

Reg. No. 27,407

Charles L. Warren

Signature

7/21/03

Date

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents
Mail Stop Assignments
P. O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT AND AGREEMENT

For value received, we, **ZhongJin Yang**, residing in the town of Naperville, in County of DuPage, in the State of Illinois, and **Jie Yao**, residing in the town of Naperville, in County of DuPage, in the State of Illinois hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **CORRELATION OF CALL DATA FOR CALLING AND CALLED PARTIES IN WIRELESS TELECOMMUNICATION NETWORKS** the specification of which *is filed herewith* for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. they may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


ZhongJin Yang

Date: July 15, 2003

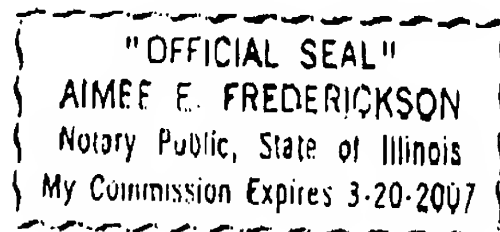
United States of America

State of Illinois

County of Dupage

On this 15th day of July, 20 03, before me personally came **ZhongJin Yang**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



LUC-425/Yang 20-11

Jie Yao

Date: July 15, 2003

United States of America

State of

County of

On this 15th day of July, 2003, before me personally came **Jie Yao**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Vanita V. Sekhadia
Notary Public

"OFFICIAL SEAL"
Vanita V. Sekhadia
Notary Public, State of Illinois
DuPage County
My Commission Expires July 19, 2005